

# Technical Data Sheet



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**Product Name:** Acrylic Resin - Clear

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**Product Number:** Synocryl 9122X

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**Product Description:** Clear Air Drying Resin for use as a stop off for chemical and other surface processing techniques.

This acrylic resin can be use as a dip, spray or brush applied quick drying barrier to attack from anodizing, plating and other process chemicals. The applied coating dries to a clear film that contains hydrocarbon resin only. There are no halogenated compounds associated with this material making the resin suitable for a variety of applications.

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**Approvals/Specifications:** Coating used for protection against wet process chemicals up to 80°C. Use for higher temperatures must be evaluated by the end user.

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**Performance:** Tough, Quick drying clear resin that is resistant to many aqueous chemical solutions used for plating and chemical conversion processes.

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**Components:** Single pack product. May be thinned for application with MEK, Acri-Thin or 665-550-025 thinner.

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**Application:**

**Surface Preparation:** Ensure surfaces are clean and free from dust, dirt etc. by degreasing the surface with suitable solvent or alkali degreaser. Coating can be applied once the surface is dry.

**Paint Preparation:** Product may be used as supplied or thinned for use. The resin viscosity may be reduced through heating. Trials should be performed before use if the resin is to be used hot. For ease of use

and best results the product is best used at temperatures above 15°C

## Application Method:

This product is a viscous resin that can be spray applied by conventional or HVLP Spray. Brushing as supplied or when thinned. May be applied via a dipping process when thinned to a suitable viscosity.

## Drying Curing:

### Flash off:

- 10-15 minutes

### Air Drying:

- Synocryl 9122X is an air drying material that lacquer dries and will attain full properties after 24 hours' air drying as a thin film application.

### Forced Drying:

Where drying at ambient temperature is problematic due to time scales the 9122X film may be force dried.

Flash off – 15 minutes' minimum

Forced dry – oven or heated air drying between 50-120°C is possible. Example – 45 minutes @ 80°C will provide a dry coating once the resin film is cooled following the heating process.

## Technical Properties:

<b>Supply Viscosity:</b>	800-1500 mPa.s @ 25°C
<b>Flash Point:</b>	> 24°C
<b>VOC Content:</b>	558 g/l
<b>Colour:</b>	Clear Resin
<b>Pack Size:</b>	1, 5, 23 kg
<b>Density:</b>	0.93 g/ml @ 23°C
<b>Gloss:</b>	N/A
<b>Thinner:</b>	Supplied ready for use
<b>Solvent/Clean Up:</b>	Refer process instruction
<b>Catalyst:</b>	N/A

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## Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

**Shelf Life:** 12 months temperate; 6 months tropical

**Before use, refer to Product Safety Data Sheet**

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## Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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